



PATENT ABSTRACTS OF JAPAN

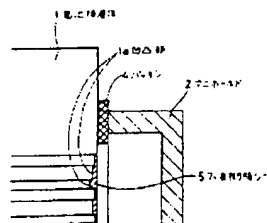
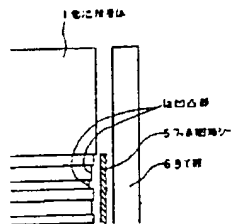
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H01M 8/24(21) Application number: **01324286**(71) Applicant: **FUJI ELECTRIC CO LTD**(22) Date of filing: **14.12.89**(72) Inventor: **KOBAYASHI YOSHIHARU****(54) MANIFOLD SEAL DEVICE OF FUEL CELL****(57) Abstract:**

PURPOSE: To flatten the side face of a cell laminate and enable sealing of manifold by heating and softening a fluorinated carbon resin sheet, and embedding in concave/convex part on the side face of the cell laminate.

CONSTITUTION: A fluorinated carbon resin sheet 5 is heated and softened, and is pressed to the side face of a cell laminate 1 using a backing plate 6, and the fluorinated carbon resin 5 is embedded in concave/convex part 1a of this cell laminate 1. Then the fluorinated carbon resin 5 will harden soon. Through a packing 4, manifold 2a is installed on the side face of the cell laminate 1 where the fluorinated carbon resin 5 is embedded, and adjoining manifolds 2a are coupled together using a metal fixture. This flattens the concave/convex part 1a on the side face of the cell laminate 1 where manifold 2 is installed, which thus can be sealed.



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